

## DECLARATION FOR PATENT APPLICATION

Attorney Docket:  
Page 1 of 2

As a below-named inventor(s), I/we hereby declare that:

My/Our residence(s), post office address(es) and citizenship(s) is/are as stated below next to my/our name(s).

I/We believe I/we am/are the original inventor, first and sole (if only one name is listed below) or the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed, and for which a patent is sought on the invention entitled:

**" PYRANO[2,3-C]IMIDAZO[-1,2-A]PYRIDINE DERIVATIVES FOR THE TREATMENT OF GASTROINTESTINAL DISORDERS "**

the specification of which: (check one)

☐ is attached hereto.☒ was filed on 28. März 2001, as Serial No. PCT/EP01/03510,

and was amended on \_\_\_\_\_ (if applicable).

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application as defined by 37 CFR ' 1.56.

We hereby claim foreign priority benefits under 35 U.S.C. ' 119 of any foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

## Prior Foreign Applications:

00106690.1  
(Application No.)Austria et al (European Application)  
(Country)29.03.2000  
(Day/Month/Year Filed)Priority Claimed  
[X] [ ]  
Yes No

We hereby appoint Gary M. Nath, Reg. No. 26,965; Harold L. Novick, Reg. No. 26,011; Todd L. Juneau, Reg. No. 40,669; Lee C. Heiman, Reg. No. 41,827; Jerald L. Meyer, Reg. No. 41,194; Joshua B. Goldberg, Reg. No. 44,126; David R. Murphy, Reg. No. 22,751; Paul A. Sacher, Reg. No. 43,418; Deborah H. Yellin, 45,904; Nahied K. Usman, Reg. 47,148; and Roger Hahn, Reg. No. 46,376; as my attorneys to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected therewith.

## Direct Telephone Calls to:

Gary M. Nath  
(202) 775-8383Send Correspondence to: Customer #  
NATH & ASSOCIATES, PLLC 34375  
Sixth Floor  
1030 15<sup>th</sup> Street, N.W.  
Washington, D.C. 20005 U.S.A.

We hereby claim the benefit under 35 U.S.C. ' 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by 35 U.S.C. ' 112, first paragraph, I/we acknowledge the duty to disclose material information as defined in 37 CFR ' 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(U.S. Application Serial No.) (U.S. Filing Date) (Status--patented, pending, abandoned)

(U.S. Application Serial No.) (U.S. Filing Date) (Status--patented, pending, abandoned)

## DECLARATION FOR PATENT APPLICATION

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We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. ' 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Dr. Jörg Senn-Bilfinger

Inventor's Signature J. Senn-Bilfinger Date: 29. August 2002

Residence: 78464 Konstanz

Country of Citizenship: Germany

Post Office Address: Sântisstraße 7

Full name of sole or first inventor: Dr. Wilm Buhr

Inventor's Signature Dr. W. Buhr Date: 14.08.02

Residence: 78465 Konstanz

Country of Citizenship: Germany

Post Office Address: Zum Kirchenwald 7



JANUARY 09, 2003

PTAS

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov

NATH & ASSOCIATES  
GARY M. NATH  
1030 15TH STREET, N.W.  
6TH FLOOR  
WASHINGTON, DC 20005



\*102241358A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/01/2002

REEL/FRAME: 013342/0874  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SENN-BILFINGER, JORG

DOC DATE: 08/29/2002

ASSIGNOR:

BUHR, WILM

DOC DATE: 08/14/2002

ASSIGNEE:

ALTANA PHARMA AG  
BYK-GULDEN-STRASSE 2  
78467 KONSTANZ, FED REP GERMANY

SERIAL NUMBER: 10182620  
PATENT NUMBER:

FILING DATE: 10/01/2002  
ISSUE DATE:

JEFFREY OLSEN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECORDATION FORM COVER SHEET  
PATENTS ONLY

10-04-2002



102241358

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

## 1. Name of Conveying Party:

- 1) Jörg Senn-Bilfinger  
2) Wilm Buhr

10-1-02

☐ Additional names of conveying parties attached.

## 2. Name and Address of Receiving Party(ies):

Name: ALTANA PHARMA AG

Street Address: Byk-Gulden-Strasse 2

City, State, Zip: 78467 Konstanz, GERMANY

☐ Additional name(s) and address(es) attached.

## 3. Nature of Conveyance

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: 1) August 29, 2002  
2) August 14, 2002

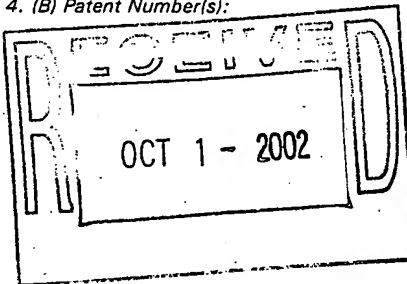
## 4. (A) Patent Application Number(s):

10/182,620

If this document is being filed together with a new application, the execution date of the application is:

☐ Additional Numbers Attached.

## 4. (B) Patent Number(s):



OFFICE OF PUBLIC RECORDS  
2002 OCT 31 PM 1:09  
FINANCE SECTION

## 5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name: Gary M. Nath  
Address: NATH & ASSOCIATES  
1030 15<sup>th</sup> Street, N.W. - 6<sup>th</sup> Floor  
Washington, D.C. 20005

## 6. Total Number of Applications and Patents Involved:

1

## 7. Total Fee:

(37 CFR 3.41)

\$ 40.00

☒ Enclosed.☐ Authorized to be charged to deposit account.

## 8. Deposit Account Number:

14-0112

ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT.

10/04/2002 DBYRNE 00000012 10182620

01 FC:581

40.00 DP

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## 9. Statement and Signature:

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Name of Person Signing

Gary M. Nath, Reg. No. 26,965  
Todd L. Juneau, Reg. No. 40,669  
Customer No. 20,529

October 1, 2002  
Date

Attorney Docket No.: 25081

Total number of pages comprising cover sheet: 1

Page One of Two

PATENT  
Attorney Docket No.:ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION given to Dr. Jörg Senn-Bilfinger and Dr. Wilm Buhr hereinafter referred to as the ASSIGNOR(S), who has/have invented certain new and useful "PYRANO[2,3-C]IMIDAZO[-1,2-A]PYRIDINE DERIVATIVES FOR THE TREATMENT OF GASTROINTESTINAL DISORDERS", hereinafter referred to as the invention, for which I/we has/have executed an application for Letters Patent to be filed in the United States Patent and Trademark Office. Said application having been executed/filed on 28.03.2001 (and assigned Serial No. (PCT/EP01/03510)

WHEREAS, ALTANA Pharma AG, a corporation organized and existing under the laws of the country/state of Germany, whose post office address/business address is Byk-Gulden-Straße 2, 78467 Konstanz, Germany, hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, WITNESSETH THIS that for and in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, said ASSIGNOR(S) hereby assign(s), sell(s) and transfer(s) to said ASSIGNEE, its assigns and legal representatives, the entire right, title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and as beneficial a manner for all intents and purposes as said ASSIGNOR(S) might or could have held and enjoyed the same had this assignment not been made.

ASSIGNMENT

ALSO, said ASSIGNOR(S) hereby agree(s) to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing any and all Letters Patent thereon.

AND said ASSIGNOR(S) authorize(s) and request(s) the Commissioner of Patents to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

By:

Dr. Jörg Senn-Bilfinger  
Inventor's Name: Dr. Jörg Senn-Bilfinger

29. August 2002  
Date

By:

Dr. Wilm Buhr  
Inventor's Name: Dr. Wilm Buhr

14. 08. 02  
Date



BOX ASSIGNMENT  
Attorney Docket No. 25081

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
SENN-BILFINGER, Jörg  
BUHR, Wilm

Serial No. 10/182,620

Filed: August 1, 2002

For: PYRANO[2,3-C]IMIDAZO[-1,2-A]PYRIDINE DERIVATIVES FOR THE  
TREATMENT OF GASTROINTESTINAL DISORDERS

TRANSMITTAL LETTER

Commissioner of Patents  
Washington, D.C. 20231

Sir:

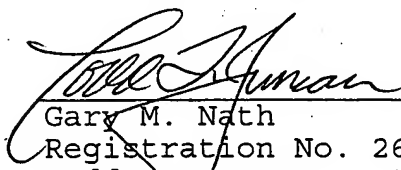
Submitted herewith for filing in the U.S. Patent and Trademark  
Office is the following:

- (1) Transmittal Letter
- (2) Recordation Cover Sheet
- (3) Original Assignment
- (4) Check No. 17488 \$ 40.00 for Corrected Notice of Recordation  
of Assignment document.

Respectfully submitted,

NATH & ASSOCIATES PLLC

By:

  
Gary M. Nath  
Registration No. 26,965  
Todd L. Juneau  
Registration No. 40,669  
Customer No. 20529

Date: October 1, 2002  
NATH & ASSOCIATES PLLC  
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GMN/TLJ/jnr:Assig.CorrectiveCov.trans